

L Number	Hits	Search Text	DB	Time stamp
1	11	((memory) adj (core or module or component or model or system or design) adj (librar\$4))	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/07/27 15:31
2	9	((memory) adj (core or module or component or model or system or design) adj (librar\$4))) and @ad<20001228	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/07/27 15:20
3	2426	((memory) with (core or module or component or model or system or design) with (librar\$4))	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/07/27 15:32
4	462	((memory) with (core or module or component or model or system or design) with (librar\$4) same (select\$3 or choos\$4 or determin\$4 or search\$4 or find\$4)) and @ad<20001228	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/07/27 15:39
5	20	((memory) with (core or module or component or model or system or design) with (librar\$4) same (select\$3 or choos\$4 or determin\$4 or search\$4 or find\$4)) and @ad<20001228) and (hdl or vhdl or verilog)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/07/27 15:40
-	15531	((memory) adj (core or module or component or model or system or design)) same (select\$3 or choos\$4 or determin\$4)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/07/27 15:11
-	644	((memory) adj (core or module or component or model or system or design)) same (select\$3 or choos\$4 or determin\$4) and ((memory) adj (core or module or component or model or system or design)) same (librar\$4 or database)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/07/26 16:01
-	341	((memory) adj (core or module or component or model or system or design)) same (select\$3 or choos\$4 or determin\$4) and ((memory) adj (core or module or component or model or system or design)) same (librar\$4 or database)) and @ad<20001228	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/07/26 16:03
-	176	((memory) adj (core or module or component or model or system or design)) same (select\$3 or choos\$4 or determin\$4) and ((memory) adj (core or module or component or model or system or design)) same (librar\$4 or database)) and @ad<20001228	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/07/26 16:02
-	74	((memory) adj (core or module or component or model or system or design)) same (select\$3 or choos\$4 or determin\$4) and ((memory) adj (core or module or component or model or system or design)) with (librar\$4))	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/07/26 16:03
-	177	((memory) adj (core or module or component or model or system or design)) with (librar\$4))	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/07/26 16:03
-	48	((memory) adj (core or module or component or model or system or design)) same (select\$3 or choos\$4 or determin\$4) and ((memory) adj (core or module or component or model or system or design)) with (librar\$4))) and @ad<20001228	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/07/26 16:03
-	112	((memory) adj (core or module or component or model or system or design)) with (librar\$4))) and @ad<20001228	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/07/26 16:08
-	49	((memory) adj (core or module or component or model or system or design)) with (librar\$4))) and @ad<20001228) and ((memory) adj (core or module or component or model or system or design)) same (select\$3 or choos\$4 or determin\$4 or search\$4 or find\$4)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/07/26 16:08

	75	((memory) adj (core or module or component or model or system or design)) with (librar\$4) and ((memory) adj (core or module or component or model or system or design)) same (select\$3 or choos\$4 or determin\$4 or search\$4 or find\$4)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/07/26 16:08
	163	((librar\$4) and (memor\$3) and (core or module or component or model or system or design) and (select\$3 or choos\$4 or determin\$4 or search\$4 or find\$4)).ab. and @ad<20001228	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/07/26 16:10
	7	((librar\$4) and ((memor\$3) adj (core or module or component or model or system or design)) and (select\$3 or choos\$4 or determin\$4 or search\$4 or find\$4)).ab. and @ad<20001228	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/07/26 16:18
	17	((core or module or component or model or system or design) adj (librar\$4)) same ((memor\$3) adj (core or module or component or model or system or design)) and (select\$3 or choos\$4 or determin\$4 or search\$4 or find\$4)) and @ad<20001228	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/07/27 15:20
	3	6397117.uref.	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/07/26 16:34
	1	6397117.pn.	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2004/07/26 16:34
	1	"5295081".PN.	USPAT	2004/07/26 16:34
	1	"5339247".PN.	USPAT	2004/07/26 16:35
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	1	"5777877".PN.	USPAT	2004/07/26 16:35
	1	"5815683".PN.	USPAT	2004/07/26 16:36
	1	"5995097".PN.	USPAT	2004/07/26 16:36

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 Gordon B. Davis, John T. Gorgone, J. Daniel Couger, David L. Feinstein, Herbert E. Longenecker
 December 1997 **ACM SIGMIS Database , Guidelines for undergraduate degree program: information systems**, Volume 28 Issue 1

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Thomas Kunz, Michiel F. H. Seuren

 November 1997 **Proceedings of the 1997 conference of the Centre for Advanced Studies:**

Full text available: [pdf\(4.21 MB\)](#)

Additional Information: [full citation](#), [ab](#)

Understanding distributed applications is a tedious and difficult task. Visualizations based on procedure application. The visualization tool we use is Poet, an event tracer developed at the University of W desired overview of the application. In our experience, such tools display repeated occurrences of

3 [Computing curricula 2001](#)

 September 2001 **Journal on Educational Resources in Computing (JERIC)**

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4 [System-level power optimization: techniques and tools](#)

Luca Benini, Giovanni de Micheli

 April 2000 **ACM Transactions on Design Automation of Electronic Systems (TODAE)**

Full text available: [pdf\(385.22 KB\)](#)

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This tutorial surveys design methods for energy-efficient system-level design. We consider electro constituents of hardware that consume energy, namely computation, communication, and storage analyzing the energy cost of software, and methods for energy-efficient software design and comp

5 [Status report of the graphic standards planning committee](#)

Computer Graphics staff

 August 1979 **ACM SIGGRAPH Computer Graphics**, Volume 13 Issue 3

Full text available:  pdf(15.01 MB)

Additional Information: [full citation](#), [references](#), [citations](#)

6 The design and implementation of hierarchical software systems with reusable components

Don Batory, Sean O'Malley

October 1992

ACM Transactions on Software Engineering and Methodology (TOSEM)

Full text available:  pdf(3.15 MB)

Additional Information: [full citation](#), [abstract](#)

We present a domain-independent model of hierarchical software system design and construction based on the conceptualizations of two independent projects, Genesis and Avoca, that are successful examples of reuse. Our technologies exploit large-scale reuse, rely on open architecture software, and elevate the granularity of reuse.

Keywords: domain modeling, open system architectures, reuse, software building-blocks, software reuse

7 Model-driven development of Web applications: the AutoWeb system

Piero Fraternali, Paolo Paolini

October 2000

ACM Transactions on Information Systems (TOIS), Volume 18 Issue 4

Full text available:  pdf(6.94 MB)

Additional Information: [full citation](#), [abstract](#)

This paper describes a methodology for the development of WWW applications and a tool environment for their construction. The methodology and environment are based upon models and techniques already used in the hypermedia, information systems, and distributed systems domains. The foundation of the proposal is the conceptual design of WWW applications, using HDM-lite, a notation for the description of the structure and behavior of WWW applications.

Keywords: HTML, WWW, application, development, intranet, modeling

8 Link services or link agents?

L. A. Carr, W. Hall, S. Hitchcock

May 1998

Proceedings of the ninth ACM conference on Hypertext and hypermedia: time and space---structure in hypermedia systems

Full text available:  pdf(1.59 MB)

Additional Information: [full citation](#), [reference](#)

9 Bogor: an extensible and highly-modular software model checking framework

Robby, Matthew B. Dwyer, John Hatcliff

September 2003

ACM SIGSOFT Software Engineering Notes , Proceedings of the 9th European international symposium on Foundations of software engineering, Volume 32, Number 3

Full text available:  pdf(256.27 KB)

Additional Information: [full citation](#), [abstract](#)

Model checking is emerging as a popular technology for reasoning about behavioral properties of a wide variety of systems. This paper presents a framework for the design, implementation, and process models. The complexity of model checking is well-known, and the framework provides a way to abstract from the details of the target system and focus on the semantic properties of a target software artifact. The framework is extensible and modular, and it can be used to reason about the behavioral properties of a target system.

Keywords: domain-specific, extensible, model checker, modular

10 Human-computer interface development: concepts and systems for its management

H. Rex Hartson, Deborah Hix

March 1989

ACM Computing Surveys (CSUR), Volume 21 Issue 1

Full text available:  pdf(7.97 MB)

Additional Information: [full citation](#), [abstract](#)

Human-computer interface management, from a computer science viewpoint, focuses on the process of managing the development of human-computer interfaces. This survey presents important concepts, models, and systems for managing the development of human-computer interfaces.

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<near/15> ((memor*)
<near/3> (core <or> module <or> component <or> model <or> system <or>
design))
<and> (select* <or> choos* <or> determin* <or> search* <or> find*))
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